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## Solow Discusses Economic Situation

By Sandra M. Chung

ASSOCIATE ARTS EDITOR

Nobel Laureate and Institute Professor Emeritus Robert M. Solow discussed the current economic state of the country and the economic impact of the Sept. 11 terrorist attacks.

According to Solow, who spoke last night in Room 54-100, the current economic downturn began well before the events of Sept. 11, which merely worsened the inevitable current recession. Solow acknowledged the efforts of the Federal Reserve to soften the blow with interest rate cuts, but he said the federal government's efforts to address the situation were unsatisfactory.

Solow was in good humor for a warm, attentive audience, where he once taught Intermediate Applied Macroeconomics (14.05) and Intermediate Macroeconomic Theory (14.06). His lecture included plenty of humorous analogies and references, and stayed within the grasp of non-economics majors.

### 1990s boom slowed in 2000

The last half of the 1990's was a period of "remarkable sustained growth for a country like the U.S.," Solow said. From 1995 to 2000, productivity rose rapidly, jobs were created at a high rate, the Gross Domestic Product grew 23 percent, and unemployment fell to 3.9 percent, its lowest since the Gulf War.

An investment boom fueled the 5-year period of economic growth. Spending by businesses on plants and equipment grew rapidly, mostly because of the expansion of the computer and information industries. Spending peaked in the middle of 2000; by then, businesses had begun to feel they had over-invested and generated too much extra production capacity.

The rapid growth of wealth and assets triggered a consumer spending spree in the 1990's. "During the 1990s, household saving practically disappeared," said Solow. By the second half of 2000, consumer spending was the sole factor in economic growth.

Even with healthy consumer spending, the economy began a noticeable slowdown long before September 11. By "the end of 2000, the U.S. was edging into a recession," Solow said. "By the spring of 2001, the only thing worth talking about was whether there would be a recession or a stagnation, or a period of slow growth."

### Tragedy not cause of recession

Even if the World Trade Center

Solow, Page 13

## MIT Gets Traffic Light for Memorial Drive

### MIT Funds Project For Crosswalk Safety After Student Injury

By Brian Loux  
ASSOCIATE NEWS EDITOR

MIT is funding a public works project that includes the installation of a traffic light between MacGregor Dormitory and No. 6 Club, which will make Memorial Drive safer for pedestrians.

The decision to build the light came after MIT student Kathryn M. Walters '05 was injured by a speeding car while crossing Memorial Drive in early September.

"MIT and the Metropolitan District Commission (MDC) put together a traffic study right after the pedestrian accident," said Jay LaChance, spokesman for the MDC. "From this incident, the need for pedestrian safety was identified and MIT offered to pay for the signals to help accelerate the process."

Less than a month after the accident, plans to increase safety were drafted, and the contractor Webster Engineering was hired to develop the project.

"I'm very happy it's going in, because I still have to go to the boathouse [for crew practice] every day, and the cars just don't stop,"



E-WON YOON—THE TECH  
An MIT student crosses Memorial Drive on her way to Pierce boathouse. The Metropolitan District Commission is currently installing a new traffic light to make crossing the street safer for pedestrians.

said Walters, who made a full recovery from her injuries.

"I'm glad to still be around," she added. "MIT was very cool about it, and they even had a dean come to my room to help me out."

Walters' case is not an isolated incident of the danger that pedestri-

ans face while crossing Memorial Drive. Four years ago on Halloween night, a car fatally struck Michele Micheletti '00 while she was crossing the street. However, her death did not appear to play a significant role in the decision to install the traffic light.

### Light should be up by January

The project began in early October, and is presently scheduled for completion by New Year's Eve.

"We are trying to get the majori-

Traffic Light, Page 10

## MIT Students Protest Bombings

By E. Z. Berry  
STAFF REPORTER

MIT students and faculty protested the U.S. military bombings of Afghanistan on Thursday by staging a humanitarian demonstration in Killian Court and a sit-in on the Student Center steps. Similar protests were coordinated at almost 100 other college campuses across the nation.

"The coordinated simultaneous sit-ins that took place were aimed at drawing some moral outrage from American who have too long been complacent to the fact that millions of people will die from our government's actions," said Sanjay Basu '02, one of

the event's organizers.

Several props were erected as part of the protest, including a banner reading "No War" that was draped from the big dome in Killian Court. Makeshift refugee tents resembling those being used in United Nations High Commissioner for Refugees (UNHCR) camps were scattered across Killian lawn to demonstrate the plight of homeless Afghani refugees whose homes were destroyed by U.S. bombs.

Roughly 40 students and faculty members were

Protest, Page 11



PATRICK HEREFORD—THE TECH  
MIT students create a mock refugee camp on the steps of the Student Center and erect a tent city on Killian Court to protest the United States-led bombing in Afghanistan. The protest, held at noon yesterday, was simultaneously conducted at several schools around the country.

## El-Sayed Discusses Islam, Terrorism

By Richa Maheshwari  
STAFF REPORTER

Shaker El-Sayed, secretary general of the Muslim American Society, recently came to MIT to discuss his beliefs about the allegations that Islamic values are consistent with terrorist activities.

El-Sayed's talk, which took place on Wednesday and was entitled "Terrorism: The Islamic Solution," addressed the issue of whether Islam encourages terrorism. This speaker topic was chosen after the events of September 11, which caused the Muslim Students Association (MSA) to receive many requests for a speaker to defend their religion.

The lecture attempted to illustrate how Islamic values are inconsistent with terrorism. "Islam is a religion of moderation and it prohibits extremism in faith," said El-Sayed.

### Jihad akin to Revolutionary War

He outlined the fundamentals of the Islamic faith, and said that the concept of jihad relates to striving. El-Sayed went on to compare jihad to the Revolutionary War.

"It is the same concept as when we fought Britain on this soil. War

Islam, Page 14

### OPINION

Tao Yue discusses the pitfalls of pyramids and multi-level marketing schemes.



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best of G&S.



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# WORLD & NATION

## Poll Shows Americans Pessimistic About Economy

LOS ANGELES TIMES

More Americans have grown pessimistic about the U.S. economy in the wake of the Sept. 11 terrorist attacks, but most express confidence in their own finances and the nation's long-term economic health, according to a Los Angeles Times Poll.

The poll found that 73 percent of Americans believe the nation is in a recession — a 22-point jump from mid-September. And those who think the downturn will be deep and long nearly doubled over the past month, to 17 percent.

Even so, an overwhelming majority of Americans surveyed say their own finances are secure and that they expect to have at least the same amount of money to spend next year.

Public sentiment will have an enormous bearing on how quickly and strongly the economy recovers over the next year, given that consumer spending accounts for two-thirds of the nation's economic activity.

Likewise, 71 percent think the terrorist attacks will do no lasting damage to the nation's economy. And three-quarters believe the stock market will do well over the next year.

## Grand Jury Subpoenas Condit Papers in Missing Intern Case

LOS ANGELES TIMES

WASHINGTON

Rep. Gary A. Condit, who has long denied any role in the disappearance of former government intern Chandra Levy, disclosed Thursday that a District of Columbia Superior Court grand jury has subpoenaed an undetermined number of documents in his possession.

The subpoena, coming after several months of apparent inactivity in the case, suggests that officials may be focusing anew on the truthfulness of statements made by Condit or his staff members, legal analysts said.

Neither Condit nor his attorney, Abbe D. Lowell, would describe what materials were subpoenaed, but Lowell termed the move "not necessary" and added that Condit would willingly "provide the information law enforcement seeks."

Lowell said that the Ceres, Calif., congressman had been interviewed four times by District of Columbia police detectives and FBI agents, most recently in late July, and that he provided "documents such as phone records and his schedule" for the period before and after May 1, when Levy disappeared.

## Yahoo Announces Plan To Turn Business Around

LOS ANGELES TIMES

Yahoo Inc. Chairman and Chief Executive Terry Semel unveiled his long-awaited strategy Thursday to turn around the struggling Internet bellwether, outlining a plan that will trim the company's vaunted free services, reduce its work force by 9 percent and bolster its now-young sales force with a new group of hardened veterans.

Semel unveiled his strategy in a daylong meeting with analysts at Yahoo's Sunnyvale, Calif., headquarters. It was a coming out party of sorts for the longtime Hollywood studio chief, who joined the venerable Silicon Valley company seven months ago with the mandate of turning an adolescent dot-com into a grown-up media company.

Semel emphasized that despite the current advertising slump, ad income will continue to be Yahoo's most important source of revenue over the next three years, even as the company collects more fees for online services and from e-commerce transactions.

"This is a company that does — and always will — believe in advertising revenue," he said. "There's nothing wrong with ad revenue. It's supported many traditional media companies over the decades."

## Chilly Weekend

By Bill Ramstrom  
STAFF METEOROLOGIST

After a few days of above average temperatures, a cold front will pass through the area today, bringing in much cooler weather for Saturday. Saturday will be sunny and brisk — a return to weather conditions reminiscent of late fall. Sunday will be a bit warmer, as winds turn southwesterly in advance of another cold front, which will arrive on Monday.

### Weekend Outlook

- Today:** Some clouds and some sun. High 63°F (17°C).
- Tonight:** Clearing and chilly. Low 35°F (2°C).
- Saturday:** Much colder. Sunny. High 45°F (7°C).
- Saturday night:** Clear and chilly. Low 34°F (1°C).
- Sunday:** Clouding up during the day. Warmer. High 56°F (13°C).

## Senate Bill on Bioterrorism Funds Fight Against Threats

By Helen Dewar

THE WASHINGTON POST

WASHINGTON

In the biggest push yet to strengthen the nation's defenses against bioterrorism, key senators Thursday introduced legislation aimed at providing \$3.2 billion this year to help prevent, detect and treat terror-related health threats — more than double what President Bush has requested.

The bill calls for stockpiling vaccines and antibiotics, strengthening the Centers for Disease Control and Prevention, beefing up food inspections, and giving state and local officials new resources for preparing for bioterrorism attacks.

Even though Bush has resisted spending that exceeds his budget requests, Sen. Edward Kennedy, D-Mass., who joined with Republican Sens. Bill Frist (Tenn.) and Judd Gregg (N.H.) in drafting the bill, said he believes the president will support the measure.

With the bill's strong bipartisan support, Kennedy and Frist expressed confidence that it will be passed and signed into law before Congress finishes work for the year, probably by mid-December.

"The anthrax attack of the past

weeks has sounded the alarm," Kennedy told a news conference at which the bill was unveiled. "The clock is ticking on America's preparedness for a future attack. We've had the clearest possible warning, and we can't afford to ignore it. We know that hundreds — even millions — of lives may be at stake, and we're not ready yet."

Kennedy originally proposed a \$10 billion bioterrorism package but scaled it back to win bipartisan support.

"We are not unprepared ... but we are clearly underprepared," said Frist, a close ally of Bush.

In the House, Commerce Committee Chairman W.J. Tauzin, R-La., also expressed optimism that a major bioterrorism bill will be passed this year. The committee concluded hearings on the issue Thursday, and Tauzin said finishing touches were being put on a \$2.1 billion measure that parallels the Senate proposal but costs less because it taps into existing funding sources rather than requiring new expenditures.

The House could pass the Senate measure or act on its own version and swiftly resolve any differences in conference, Tauzin said. "We're

going to get it done one way or the other," he added.

The Senate bill was prompted by the Sept. 11 terrorist attacks on New York and Washington and by subsequent anthrax exposures in several eastern states. It provides the legislative framework for the new anti-bioterrorism effort but includes no money.

The funds would be provided in separate legislation, which is tied up in disputes over spending levels and other issues. It was included in the Democratic version of an economic stimulus bill that was blocked Wednesday by Republicans, but it could be provided as part of a compromise on the economic measure or from funds that have not been allocated from a \$40 billion emergency spending bill that Congress approved after the Sept. 11 attacks.

The Senate bill would authorize \$1.4 billion to improve preparedness efforts by state and local officials, including \$375 million for hospitals, and \$1.1 billion to accelerate production of smallpox vaccine and expand the nation's stockpile of vaccines and antibiotics. An additional \$500 million would be provided to protect crops and food supplies.

## Bush, Putin Discuss Stockpiles

### Presidents Attempt To Reduce Nuclear Weapons Arsenals

By Dana Milbank

THE WASHINGTON POST

CRAWFORD, TEXAS

and included a speech in Houston, a barbecue and tour at Bush's ranch here, and a joint appearance before Crawford High School students Thursday morning.

After their fourth set of meetings this year, the two leaders, backslapping, first-name-using and laughing at each other's jokes, said their relationship, along with relations between their countries, had been transformed. They played down their most significant disagreement: the future of the 1972 ABM Treaty, which forbids the sort of missile defense tests Bush plans.

Putin, who earlier called the treaty a cornerstone of international stability, presented a more flexible position Thursday. "We share the concerns of the president of the United States ... that we must think of future threats," Putin said. "We differ in the ways and means we perceive that are suitable for reaching the

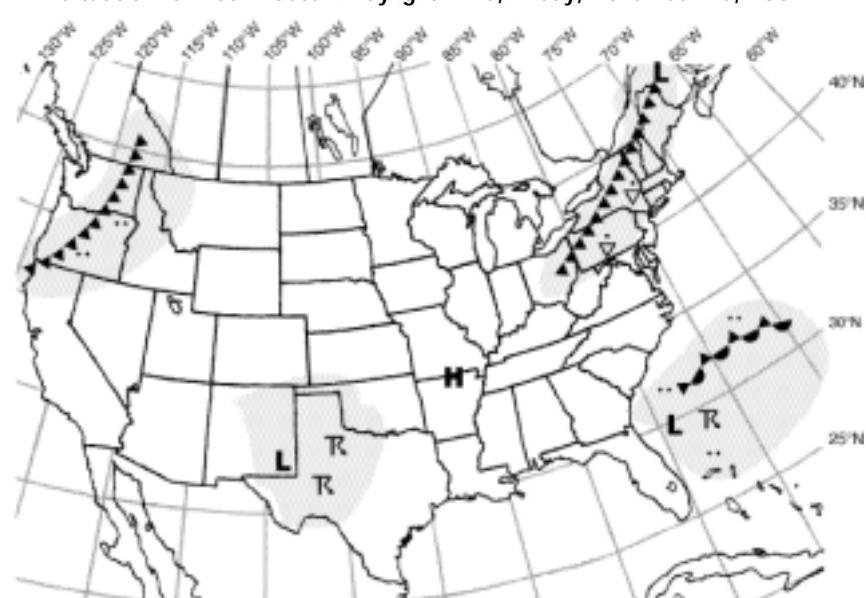
same objective. And given the nature of the relationship between the United States and Russia, one can rest assured that whatever final solution is found, it will not threaten ... the interests of both our countries and of the world."

Bush aides pointed to Putin's remarks as evidence that the United States would be able eventually to proceed with missile defense without a standoff with Russia. "What President Putin said here is extremely important," national security adviser Condoleezza Rice said Thursday afternoon. "This is now a very broad relationship in which the nature of our nuclear relationship is a small part. This is 180 degrees from where we were with the Soviet Union, which was where it was the only issue, really, in our relationship."

Bush aides indicated the president, too, had become more flexible about his missile defense plan.

## WEATHER

Situation for Noon Eastern Daylight Time, Friday, November 16, 2001



# Taliban Prepares for Surrender As U.S. Bombardment Goes on

By Rajiv Chandrasekaran  
and Vernon Loeb  
*THE WASHINGTON POST*

U.S. warplanes pounded Taliban lines around Kunduz Thursday as a Taliban envoy in Pakistan sought U.N. intervention to help arrange a bloodless surrender for the besieged enclave in northern Afghanistan. At the other end of the country, in the southern city of Kandahar, Taliban defenders held out another day against Pashtun tribal guerrillas aided by U.S. special forces and resupplied by U.S. helicopters.

The battles at Kunduz and Kandahar represented the last two stands in major cities by the tattered Taliban militia, whose five-year rule over Afghanistan has melted away

over the last week in the face of relentless U.S. bombing, a military sweep by the U.S.-backed Northern Alliance and uprisings by warlords in the central and southern Pashtun areas that the Taliban once considered its home base.

Seeking to catch up to the fast-moving military situation, U.S., U.N. and other diplomats drew up plans for an international peace-keeping force, including a Turkish-led contingent to police Kabul, the capital taken by Northern Alliance forces on Tuesday, and British and French troops to man airfields for military and humanitarian supply flights. The first batch of British troops, numbering about 100, landed at Bagram air base 35 miles

north of Kabul.

"It's been said we are tightening the noose and that, in fact, is the case," said Gen. Tommy Franks, the commander of U.S. forces in the Afghan war. "We are tightening the noose. It's a matter of time."

Franks, appearing at his second Pentagon briefing since the war began Oct. 7, said U.S. commandos are working to advise and resupply the Pashtun opposition groups and designate targets for airstrikes for U.S. warplanes around both the embattled cities. But he also made it clear special operations teams around Kandahar are performing missions well beyond the liaison and targeting tasks carried out earlier in the war.

## General Says that Military Forces May Soon Locate Taliban Leaders

By John Riley  
*NEWSDAY*

American bombers pummeled isolated Taliban garrisons from Kunduz in northern Afghanistan to Kandahar in the south Thursday as the U.S. general in charge of the operation said military forces were gradually closing in on leaders of the Taliban and Osama bin Laden's al-Qaida network.

"We are tightening the noose," Army Gen. Tommy Franks, head of the U.S. Central Command, said at a Pentagon news conference. "It's a matter of time."

Pentagon officials said the opposition Northern Alliance now controls about 60 percent of the country, that the Taliban face

insurgencies from local Pashtun warlords across the south, and that leaders of both the Taliban and al-Qaida were killed in airstrikes on buildings near Kabul and Kandahar earlier this week.

Despite the successes, Franks and Defense Secretary Donald Rumsfeld both said it is premature to conclude that the Taliban are finished as an effective fighting force, and they warned that bin Laden and others allegedly responsible for the Sept. 11 attacks on the United States may elude their pursuers.

Afghanistan, Rumsfeld said, has long and porous borders. "It's not possible to detect everything electronically at all times," he said. "I think we'll find him either there or

in some other country, but one has to be realistic."

Taliban leader Mullah Mohammed Omar was apparently undaunted by the cascade of bad news. In a defiant interview broadcast by the British Broadcasting Corp., he said his forces' retreat was part of a strategy to destroy America. "If God's help is with us, this will happen within a short time - keep in mind this prediction," Omar said. "The real matter is the extinction of America, and, God willing, it will fall to the ground."

Forty days into the U.S. campaign, however, signs of Taliban collapse were widespread in the wake of their retreat from the north and the capital of Kabul.

## Strength of Meteor Shower Has Experts Guessing

*NEWSDAY*

Think of it as the Leonid lottery. It's an annual guessing game among astronomers — professionals and amateurs alike — vying to forecast how many bits of space dust will zing into Earth's atmosphere early Sunday morning. Very early Sunday morning.

Some experts think Sunday's Leonid shower might be the best in years — thousands of flashes per hour — while others predict a "ho-hum" display. The peak of action is expected at 5:09 a.m. Sunday on the East Coast in the southern sky. If the sky is cloudy, ho-hum wins.

"It's not likely to be a really big (meteor) storm," said astronomer Daniel W.E. Green at the Harvard-Smithsonian Center for Astrophysics in Cambridge, Mass. Still, "if you've never seen one before, this is a great time to do it. It's pretty much guaranteed you'll see some shooting stars - if the sky is clear."

"The prediction is for something on the order of 1,000 (meteors) per hour," Green said. But because Leonid bursts usually last only 15 or 20 minutes, and then taper off abruptly, the total number should be well short of that figure.

The bright flashes are generated by uncountable bits of debris, tiny remnants of comet Tempel-Tuttle, which made its latest close approach to the sun almost four years ago. The Earth is about to pass through the long trail of dust grains that boiled off the comet, which circles the sun once every 33 years.

## Study Outlines Nanogenerators In Cancer Fight

*NEWSDAY*

New York cancer researchers have developed microscopic generators, so small they're the size of molecules, and so precise they can release a cascade of atomic fragments inside cancer cells, leaving healthy cells unscathed, according to a study released Friday.

While the work seems as if it's straight from the pages of science fiction, nanogenerators could become a new way of precisely delivering tiny amounts of radiation to tumors. The treatment also joins the burgeoning area of targeted therapies: tiny generators selectively dock on a specific cancer cell site, slip inside and release a shower of lethal radioactive alpha particles, destroying tumor DNA, and thus the cancer cell itself.

Detailed in Friday's journal *Science*, Dr. David Scheinberg and his team at Memorial Sloan-Kettering Cancer Center in Manhattan found that, at least in laboratory mice, the technique worked flawlessly.

The experimental work, he said Thursday in an interview, could lead to human clinical trials as early as next year. Scientists conducting a similar line of research, say nanogenerators could prove a viable treatment approach for metastatic tumors that are widespread throughout the body and have resisted other forms of cancer therapy.

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<http://web.mit.edu/cmi/exchange.html>

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# Building a Pyramid, 2by2?

Tao Yue

"Do you want to get involved with 2by2?" Here in the Boston area, that question will produce puzzlement. But in the New York City area, that question will provoke strong reactions, especially among the high-school and college-aged.

Mostly, there will be feelings of excitement. Eagerness. And hope. Hope that 2by2 will make millionaires out of the company's worker bees. Back in my high school in Edison, New Jersey, one student who hitched onto the 2by2 bandwagon early on is driving a new Lexus and reputed to be earning tens of thousands of dollars a month. Of the two thousand students in the high school, dozens, perhaps hundreds are involved.

Naturally, I couldn't help but be curious about how this sudden fortune came about. And my chance came over the summer, when half a dozen people tried to recruit me. I was told to get in early, that it was already too late in Southern California, where the scheme originated. But it was still new and fresh in the New York City metropolitan area. Would I be interested in striking it rich with an initial investment of only a few hundred dollars?

But something else was interesting. Several of the recruiters were only casual acquaintances, people who hadn't been in contact with me since high school. Why the sudden interest in me?

I did some research, both on-line and by asking those involved with 2by2, and got a pretty good idea of the business model. See what you think.

2by2 is, according to their web site, "the Internet Community That Pays You Back" and "ranked by Dun & Bradstreet and Entrepreneur Magazine as the 16th fastest growing new business in America." To get in on the action, you pay them a fee, somewhere around \$400, which entitles you to a web page used to sell products. Just like Amazon.com's affiliate program, 2by2 would pay commissions to you for sales made through the web page.

So far, so good. The fee is a bit steep, but hey, 2by2 does all the work for you! All those other on-line stores force you to build your own web page. And what's a \$400 investment when you'll be driving a Lexus within months?

There was a second aspect to the program, one which inspired its name: 2by2. Participants each had two prongs beneath them, and were told to find two friends to fill those places. They in turn would pay the fee and

also get a web page and two spots to fill. Each person who signs up underneath you, to a certain extent, earns you a bonus of somewhere around \$50.

Let me shift gears here and relate a bit of business advice from the Federal Trade Commission: "If a plan offers to pay commissions for recruiting new distributors, watch out! Most states outlaw this practice, which is known as 'pyramiding.' State laws against pyramiding say that a multilevel marketing plan should only pay commissions for retail sales of goods or services, not for recruiting new distributors."

Or the United States Postal Inspection Service: "There are many multi-level distributorship schemes that are nothing more than sophisticated chain letters." By law, it is forbidden to send chain letters through the U.S. Mail.

Yet, there are millions who join multi-level marketing schemes, some legitimate, others thinly disguised pyramid schemes. These are the same people who flood our inboxes with e-mails which begin, "A little boy in the Mayo Clinic is dying of a previously unheard-of disease, and Bill Gates will donate two cents to the American Cancer Society if you forward this e-mail to fifty friends." Yes, the very same e-mails which take money away from the fight against cancer by forcing the ACS to maintain e-mail server capacity beyond what it ordinarily would need.

But the pyramiding situation in the United States, land of capitalist opportunity, pales when compared to the one which Albania suffered through. In 1996, \$250 million of Albanians' hard-earned money was invested in pyramid schemes. For a nation as small as Albania, this number is staggering. In fact, the domestic savings of Albanians in 1995 totaled only \$350 million.

For Albanians, the pyramids were seen as a better bet than banks, offering spectacular interest rates of up to 40 percent. The pyramids collapsed, as pyramid schemes tend to do when new memberships die down and become insufficient to pay existing participants. When that happened, there was an uprising against the government, which tolerated the pyramids, and people rioted in the streets.

Of course, that's quite extreme. Nobody

imagines such a thing could happen in the United States. We're experienced in capitalism, right? We know that you can't make money from nothing, right? Well, maybe we do. On the other hand, in the 1980s, Ronald Reagan spoke to cheering crowds at rallies held by the Amway corporation, a multi-level marketing corporation which is still operating today. So did George H. W. Bush, and Colonel Oliver North. Albania certainly learned our lesson well. Too well.

While multi-level marketing schemes and pyramid schemes are not necessarily the same thing, there is a clear connection. Many MLMs are pyramid schemes. Perhaps even most. I formed a clear impression in my mind about

2by2 from the moment I heard about it. But when I warned people against it, participants told me to stop, cautioned that I was slandering the company, and argued that I could not possibly understand the earnestness of the company if I hadn't attended one of its glitzy presentations where superlatives and *carpe diem* exhortation were thrown around freely.

OK, fair enough. I will reserve judgment on 2by2's pyramid status until it either collapses or exceeds Microsoft in market capitalization. But there is no question that 2by2 is at least a multi-level marketing scheme. And one that has attracted many bright, excitable college students. While researching 2by2 on the Internet, I found complaints from students at universities as prestigious as Princeton and USC.

In the hopes that I would be next to join, people who hadn't spoken to me in over a year suddenly treated me like their best buddy. I still am not sure whether they really believed in 2by2, or simply realized that they could not afford to leave one of their two legs empty. In any case, they asked me: would I fill that spot?

Across the river from MIT, the most famous pyramid scheme of them all, the postal coupon scheme created by Charles Ponzi, reached the heights of success. At one point, he was taking in (and paying out) over a million dollars a week. Within two years, his scheme had started to collapse, and he was in prison.

Will I take my spot in the pyramid? No, I think I'll pass.

*I formed a clear impression about 2by2 from the moment I heard about it. But when I warned people against it, participants told me to stop; I was slandering the company ...*

# Too Quiet

Kevin R. Lang

I was away from MIT last year, studying at Cambridge University in England. To be fair, I was studying, rowing, partying, and traveling, but nonetheless I was very far removed from MIT. I enjoyed the relative lack of problem sets, tests, and papers, but I didn't want to give up everything about my MIT experience, so I tried writing for one of the newspapers over there, *The Cambridge Student*. TCS is the more respectable of Cambridge's two student papers, evidenced by the fact that the other, *Varsity*, regularly uses the word "fuck" in four-inch-tall headlines. I wrote a few stories, but I just couldn't stay interested in Cambridge news; quite frankly, Cambridge is boring compared to MIT. And frankly, that's not such a bad thing.

From the moment I got to MIT, there were sensational stories coming from all over campus. It seemed like every week some 17-year-old girl from Simmons or Wellesley was getting drunk at a frat party. *The Boston Globe* jumped on each incident as further evidence of MIT's hard-core drinking culture. We lost fraternities, sometimes for a week, sometimes forever. Even though this was happening to our fellow students, it was fascinating stuff. Everyone knows that underaged college students get drunk. Getting caught made it interesting.

Often, though, the news was simply horrible. Far, far too many students have taken their own lives in the three years since I first arrived at MIT, including a friend who lived two floors down from me. Every time we lost another friend, another classmate, another lab partner, another teammate, another guy down the hall who's never around, it got our attention. But every time we heard about another suicide, we were less and less surprised, even as MIT's administrators grew more and more concerned.

Back to Cambridge. Students drink often and drink hard, but there really isn't any such thing as "underage" or "illegal" drinking at a university in a country where 18 is the legal limit, and anyone over 14 can and will be served in a pub. Cambridge has the occasional suicide, but unlike MIT they have one of the lowest rates of any university in the country.

During my time away, it seemed to be business as usual in the on-campus disaster department. The Cambridge License Commission was busier than ever wagging its finger at MIT's fraternities, and more students committed suicide. My question is this: when, exactly, did everything change?

This has been the single quietest semester I have ever seen at MIT, either from my MacGregor window or from abroad. No alcohol incidents. No suicides. What happened that suddenly fixed MIT's problems with binge drinking and mental health? I know the Institute has taken steps to address these issues, and I would really like to believe that MIT is a happier, friendlier, safer place than when I left. I worry, though, that MIT will see alcohol and mental health as "solved problems" if all remains quiet for much longer. It's easy for MIT to react — the administration is great at that. Form a committee, write a report, hire a new dean. What's going to be difficult is for MIT to remain vigilant, to keep making progress on mental health, to keep pushing students toward safer drinking and, more importantly, taking care of each other when we drink too much. Cambridge students get their "alcohol education" at an early age, and they know how to take care of a friend when he or she has had too much.

Unfortunately, I think it's only a matter of time before this place gets interesting again. There is more alcohol in the dorms now than I have ever seen before; I can't say how it compares to the pre-Krueger era, but I've seen some very well-stocked parties in a certain dorm that's often regarded as quiet and anti-social. I know it sounds horrible, but if enough students are exposed to enough alcohol, sooner or later someone is going to have too much, someone isn't going to take care of a friend who needs help, and someone is going to wonder why MIT didn't change anything since 1997. Students are just as overworked, overtired, stressed-out, and depressed as ever. And depression here is bad enough in a good economy; how many seniors are struggling to find a job this year after watching their friends graduate into the biggest economic boom in history?

Let's face it — the things that make MIT depressing are not going away. The pressure, the mountains of problem sets, the loneliness of the all-night tool — these are here to stay. And college students are not going to stop drinking, no matter how many alcohol education meetings they attend, no matter how many frat houses are shut down.

MIT has really focused recently on awareness; here's hoping that MIT stays aware of potential problems even when they aren't staring back from the pages of *The Boston Globe*.

# Unlocking Victoria's Secret

Christen Gray

women's wants and needs because they are a size zero.

I think it is a real tribute to Victoria's Secret that their models are well fed and could probably do more push-ups than half the guys at MIT. If healthy-looking is the standard their advertising is pushing, more power to them. Women will inevitably look for role models in beauty, why not make these healthy? If Victoria's Secret drives women to eat well and go to the gym, then I say we need more advertising.

Second, this is a store that caters to women. It's an international corporation that thrives on giving women what they want. It is true that women often want to become closer to men's idea of beauty and sexuality. However, it is also true that most men are clueless about the fashion trends and women,

especially young girls, respond more to what their girlfriends think they ought to wear than what the boys think. Why women buy their underwear is up to them. Redd says that "many women purchase Victoria's Secret for themselves, but the reason that

underwear makes them feel better about themselves is because they think they are pleasing men by wearing it." I will admit that there are probably many girls who follow that logic. However, most of the girls I know who shop at Victoria's Secret have no intention of showing their precious lingerie to guys. They buy it for the comfort and even for the fun of the store itself. And, of course, partially because the marketing works; it's fun to have that little label that says "Victoria's Secret."

Men's clothing stores cater extraordinarily to men's temper and ego, not just through the products sold, but through the service. This is not true of the vast majority of mainstream

*Most of the girls I know who shop at Victoria's Secret have no intention of showing their precious lingerie to guys.*

This article by a female Northwestern University student claimed that because men looked at the catalogs as "Playboy Magazine or Penthouse coming to their home for free," the store and its marketing are therefore derogatory to women. It continued to support this theory by quoting Renee Redd, director of the Women's Center at Northwestern University, as saying, "The models are not the anorexic type that women tend to idealize." She continues to say "The images are much more what men's standard of beauty is."

First of all, since when is the anorexic type a woman's idea of beauty? Haven't feminists been crying for years that we do not need to look like toothpicks to be beautiful, that this idea has been forced on us by a misogynistic society? I have always been relieved to see Victoria's Secret models actually have some meat on them. Is Calvin Klein then more respectable because its models look like they haven't eaten in a week? Or perhaps the girls in *Seventeen* magazine are more in line with

women's clothing stores. However, at Victoria's Secret, women are treated very personally, and the service is invariably excellent. Everything screams woman, from the apparel and lotions, to the little pink striped bags they carry away. Despite all of this, "ChickClick" accuses Victoria's Secret of patronizing women. If being treated with respect and personal service is patronizing, then this is very true.

We may hail society's ideals of women as imposing, unrealistic, and, yes, sometimes patronizing. The whole worlds of advertising and entertainment use this, and often capitalize on it. I'm not defending it, I'm just pointing out the facts. However, the success of Victoria's Secret stores is not due to any capitalizing on women's insecurities. They are successful because they do, indeed, treat women and their bodies as individuals. They help women to be more comfortable with their shape, as well as just plain comfortable.

As for the sex appeal of the models in the catalogs and on TV, what would you have instead? Five-hundred-pound women prancing around in their underwear? It is another fact of life that people want to see only pleasing things. You don't sell anything by breaking this cardinal rule.

This coming February, MIT will be privileged to see its own students perform *The Vagina Monologues*. These monologues are a tribute and a cause for women. They allow women the freedom to express themselves. One monologue in particular, I think, makes a great point with regard to this sort of marketing. It is entitled "My Short Skirt," and the reader proudly states that she wears her short skirt for herself, and not for anyone else. I'm sure the same goes for her panties.

To assume that women would only buy lingerie to suit men is to underestimate and patronize women. Victoria's Secret sells because it sells to women. Let women have the freedom to buy and think what they want, and not have their motives questioned.

# THE ARTS

## THEATER REVIEW

### *The Very Model of a Modern Major Musical*

*Gilbert and Sullivan Players Score a Hit*

By Lance Nathan

STAFF WRITER

'H.M.S. Pinafore'  
Presented by Gilbert and Sullivan Players  
Produced Paiyarat Kanjanavaikoon '02  
Directed by Stephanie C. Wang '02 and Todd Neal  
Starring Stuart Stanton G, Bridget Copley G, David Daly, Brian Bermack '95, Daniel Abramson '03, David Euresti '01

With this weekend's production of *H.M.S. Pinafore*, the MIT Gilbert and Sullivan Players return to one of the strongest pieces in their canon. Though still "light opera," *Pinafore* is regarded as one of the best works of the 19th century writing team, and the Players rise to the occasion with an excellent production.

The story itself hardly merits recounting. Ralph Rackstraw (Stuart Stanton G), a common sailor on the *Pinafore*, is in love "above his station" with Josephine (Bridget Copley G), the daughter of Captain Corcoran (David Daly). Josephine secretly loves him as well, but her father has promised her hand in marriage to the Lord Admiral, Sir Joseph Porter (Brian Bermack '95). Can the villainous Dick Deadeye (Daniel Abramson '03) maintain the strict social order and keep them apart? Can the crew of the ship scheme to bring them together?

Of course he can't; of course they can. This is Gilbert and Sullivan, after all, where marriages between all the right people are preordained, and these questions are the wrong ones to ask. The right ones are rather:

how many jokes can be worked in before the ending? How much good singing can be fit into the play before the marriages? And the answers to those questions are, respectively, "quite a few" — and even more in this production — and "quite a lot" — and, again, particularly in this production.

Stage director Stephanie C. Wang '02 has done an excellent job of taking a story line and script which are, on their own, mildly entertaining, and simultaneously drawing out the humor and augmenting it with additional visual gags. The serious pieces — primarily songs of love and longing — are played straight, but throughout the rest of the show, Wang has scattered pearls of humor to remind the audience of the lightness of the opera.

Perhaps the best of these moments hap-



ERIKA BROWN—THE TECH

Bridget Copley G sings of love and classism as Josephine, the Captain's daughter, in The Gilbert and Sullivan Players' production of *H.M.S. Pinafore*. The show finishes its run in La Sala de Puerto Rico this Sunday at 2 p.m., with additional performances Friday at 8 p.m.

At the same time, this is after all opera. An amusing production would be nothing without strong voices, and this production does not want for them. To praise any one of the performers would be to slight the others unjustly. But, for indulgence's sake, worth

noting are the power of Copley's voice and the amazing facility with which Abramson switches between his rasping speech and his clear, rich singing. Nor is the acting lacking; where the script allows for it, the leads perform admirably. Abramson brings a commanding physicality to the villain, scowling and lurching around the stage. No less notable are Daly's pained expression and forced politeness to his crew, Bryant's transformation from "sweet Little Buttercup" into a mysterious gypsy woman, and Copley's disdain and occasional shock at being forced onto Porter.

Though the chorus occasionally displays the hallmark of underrehearsing, namely a tendency to fall out of sync when dancing or gesturing in unison, they offer a solid support for the leads. The orchestra, too, led by conductor Todd Neal, is the best the Players have had in some time. And though the costumes are adequate sailor and Victorian-woman fare, for the most part, with Admiral Porter looking oddly underdressed, the rest of the technical work is very good. The lighting, whether spotlighting soloists or casting a subdued blue over the somber evening scenes, sets the mood without getting in the way; the set is excellent, a two-level affair painted like a ship and festooned with ropes and cannons.

All in all, *Pinafore* offers comedy for those seeking light entertainment, and fine singing for music aficionados, both in the script and libretto, and in the execution. If the play is commonly regarded as Gilbert and Sullivan at their best, this production may be the MIT G&S Players at their best as well.

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## Clubs

**Axis**

13 Lansdowne St., 617-262-2437  
 Sundays: See Avalon below.  
 Mondays: *Static*. Gay, casual dress. \$5, 18+.  
 Thursdays: *Chrome/Skybar*. Progressive house, soul, disco; dress code. \$10, 19+; \$8, 21+.  
 Fridays: *Spin Cycle*. Prog. house, 80s. \$12, 19+; \$10, 21+.

**Avalon**

15 Lansdowne St., 617-262-2424  
 Sundays: *Gay Night* (with Axis on long weekends). Featuring hardcore house and techno. \$10, 21+.  
 Thursdays: *International Night*. Eurohouse. \$10, 19+.  
 Fridays: *Avaland*. House. \$15, 19+.  
 Saturdays: *Downtown*. Modern house, club classics, and Top 40 hits. \$15, 21+.

**Karma Club**

9 Lansdowne St., 617-421-9595  
 Sundays: "Current dance favorites" by guest DJs. Cover varies.  
 Tuesdays: *Phatt Tuesdays*. With Bill's bar, modern dance music. \$10.  
 Wednesdays: *STP*. Gay-friendly, house. \$15, 21+.  
 Thursdays: *Groove Factor*. House.  
 Fridays: *Pure*. Drum and bass, guest DJ. \$15, 19+.  
 Saturdays: *Elements of Life*. International House. \$15.

**ManRay**

21 Brookline St., Cambridge, 617-864-0400  
 Wednesdays: *Curses*. Goth. Appropriate dress required. \$5, 19+; \$3, 21+.

Thursdays: *Campus*. Popular tunes + House. Gay, casual dress. \$10, 19+; \$8, 21+.  
 Fridays: *Fantasy Factory* (First and third Friday of the month). Features kinky fetishes and industrial music.) *Hell Night* (every second Friday, 19+. Includes Goth music.) *Ooze* (the last Friday of the month.) \$10, 21+. reduced prices for those wearing fetish gear.  
 Saturdays: *Liquid*. Disco/hse. + New Wave. \$15, 19+; \$10, 21+.

## Popular Music

**Axis**  
 13 Lansdowne St., 617-262-2437  
 Next: 423-NEXT

Nov. 17: AFI.  
 Nov. 24: Flogging Molly, Bouncing Souls.

**Avalon**  
 15 Lansdowne St., 617-262-2424  
 Nov. 16: Saves the Day.  
 Nov. 17: Stephen Malkmus and the Jicks.  
 Nov. 20: Echo and the Bunnymen and Psychedelic Furs.  
 Nov. 23: Melissa Ferrick.  
 Nov. 28: D12.  
 Nov. 29: Nickelback.  
 Dec. 1: Beenie Man.

**Berklee Performance Center**

Berklee College of Music  
 1140 Boylston St.  
 Free student recitals and faculty concerts, 4 p.m. and 7 p.m. some weekdays. For info on these concerts, call the Performance Information Line at 747-8820.

Nov. 16: Whispers.  
 Dec. 1: South Central Mass Choir.  
 Dec. 15: Jane Oliver.

**Club Passim**

47 Palmer St, Cambridge, 617-492-7679  
 Tuesdays: Open Mic at 8 p.m. (sign up at 7:30). \$5.

Nov. 23: Bob Franke.  
 Nov. 26: Jeff Robinson.  
 Nov. 29: Jenny Reynolds, Eleni Kelakos.

Nov. 30: Grey Eye Glances.

**FleetCenter**

Ticketmaster: 931-2787.  
 Nov. 24: Bob Dylan.  
 Nov. 25: Pavarotti.

**The Middle East**

Central Square, 354-8238  
 Ticketmaster: 931-2787.

Nov. 17: The Real Kids, John Surette & the Deniros, Dave Aaronoff & T.  
 Nov. 19: Tomahawk.

# On The Town

A weekly guide to the arts in Boston

November 16 – 22

Compiled by Fred Choi

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.



Saves the Day visits the Avalon Ballroom tonight with their emotionally wrought twist on rock; \$12.75.

Nov. 20: Schatzi, Liars Academy.  
 Nov. 20: Sloan, Ultimate Fakebook.  
 Nov. 28: Radiant Storm King, Stereobate.  
 Nov. 29: Ili Kings, Joshua Taylor & Special Guests, Dj Black Finger.  
 Nov. 30: Wheat; Matt Pond.

**Orpheum Theatre**  
 1 Hamilton Pl., Boston, 617-679-0810  
 Ticketmaster: 931-2787

Nov. 18: Ricardo Montaner.  
 Nov. 20: Queensryche.

**Paradise Rock Club**  
 967 Commonwealth Ave., Boston, Ma. 02215, 617-562-8804  
 Nov. 16: Jack Johnson  
 Nov. 19: Shelby Lynne  
 Nov. 21: Living Colour  
 Nov. 23: Black Rebel Motorcycle Club

**Sanders Theatre**  
 45 Quincy St., Boston 02138, 617-496-2222

Nov. 17: Folk Concert With Cris Williamson.  
 Nov. 24: Capitol Steps.

## Jazz Music

**Regattabar**  
 Concertix: 876-7777  
 1 Bennett St., Cambridge 02138, 617-662-5000  
 Call for schedule.

**Scullers Jazz Club**  
 DoubleTree Guest Suites, 400 Soldiers Field Rd., Boston, 617-562-4111  
 Nov. 16-17: Pieces of a Dream.  
 Nov. 20: George Russell Jr. Trio.

Nov. 27-28: Orquesta Aragon.  
 Nov. 29: Count's Jam Band Reunion.  
 Nov. 30: John Pizzarelli Trio.

## Classical Music

**Boston Symphony Orchestra**  
 Tickets: 266-1492.  
 Performances at Symphony Hall,

301 Massachusetts Ave., Boston, unless otherwise noted. For MIT students. visit [web.mit.edu/arts/general/BSO.html](http://web.mit.edu/arts/general/BSO.html) for more information on how to get tickets.

Nov. 17, 20 at 8 p.m., Nov. 16 at 1:30 p.m. Wagner: Overture to *Das Liebesverbot*; Schoenberg: Suite in G for Strings; Shostakovich: Symphony No. 13 in B-flat minor, Op. 113; Babi Yar, for bass, men's chorus and orchestra. Gennady Rozhdestvensky, conductor: Sergei Aleksashkin, bass; Men of the Tanglewood Festival Chorus, John Oliver, conductor. Pre-concert talk given by Harlow Robinson, Northeastern University, an hour prior to the performance in Symphony Hall. Free to performance ticket holders.

**Phedre**  
 Nov. 16 at 8 p.m., Nov. 17 at 2 and 8 p.m. Presented by Wellesley College Upstage. By Jean Racine, Translated by Ted Hughes. Directed by Sara Wasserman. An intense drama about a dying queen's obsessive love for her stepson, and the tragedy it brings. All shows in the Ruth Nagel Jones Theater, downstairs in Alumnae Hall at Wellesley College. For reservations call 781-283-2220. Free for Wellesley and MIT students, \$5 seniors, faculty, and staff, \$10 general admission.

**Stomp**  
 Through Nov. 23 (Tue.-Fri. at 8 p.m. except for Wed. Nov. 14 at 7 p.m., and Sat. Nov. 17 5 and 9 p.m., and Sun. Nov. 18 2 and 7 p.m.), at the Wilbur Theatre (246 Tremont St., Boston, 617-423-4008. Take the Green Line to Boylston). The National Tour of the now-famous fun (and loud), percussive, rhythmic comedy performance hits Boston. Tickets \$50-\$23. Visit [ticketmaster.com](http://ticketmaster.com) for tickets.

**The Baker's Wife**  
 Nov. 16 at the John Hancock Hall. Concert performance of Stephen Schwartz's show. Featuring Judy Kuhn (*Chess*, *Sunset Blvd.*) as Genevieve, and Michael Kreutz as the baker. These performances will be accompanied by the full orchestration (onstage) and will include a staged reading directed by Rick Lombardo of Boston's New Rep Theatre. Musical direction by Michael Joseph. Tickets are available through Ticketmaster (617-931-2787). Visit [www.musicalschwartz.com/the-bakers-wife.htm](http://www.musicalschwartz.com/the-bakers-wife.htm) for more information.

**Comedy Connection**

Mon.-Wed. at 8 p.m.; Thurs. 8:30 p.m.; Fri. and Sat. 8 p.m., 10:15 p.m.; Sun. 7 p.m. The oldest comedy club in Boston showcases big-name, national comedians on weekends and up-and-coming local talent during the week. At 245 Quincy Market Place, Faneuil Hall, Upper Rotunda, Boston. Admission \$10-\$8 (weekend prices vary). Call 248-9700 for more information and a complete schedule.

**Blue Man Group**  
 Charles Playhouse, 74 Warrenton Street, Boston, indefinitely. Curtain is at 8 p.m. on Wednesday and Thursday, at 7 and 10 p.m. on Friday and Saturday, and at 3 and 6 p.m. on Sunday. Tickets \$35 to \$45. Call 426-6912 for tickets and information on how to see the show for free by ushering.

## Theater

**Isabella Stewart Gardner Museum**  
 280 The Fenway, Boston. (566-1401), Tues.-Sun. 11 a.m.-5 p.m. Admission \$10 (\$11 on weekends), \$7 for seniors, \$5 for students with ID (\$3 on Wed.), free for children under 18. The museum, built in the style of a 15th-century Venetian palace, houses more than 2,500 art objects, with emphasis on Italian Renaissance and 17th-century Dutch works. Among the highlights are works by Rembrandt, Botticelli, Raphael, Titian, and Whistler. Guided tours given Fridays at 2:30 p.m.

**Museum of Fine Arts**  
 465 Huntington Ave., Boston. (267-

9300), Mon.-Tues., 10 a.m.-4:45 p.m.; Wed., 10 a.m.-9:45 p.m.; Thurs.-Fri., 10 a.m.-5 p.m.; Sat.-Sun., 10 a.m.-5:45 p.m. West Wing open Thurs.-Fri. until 9:45 p.m. Admission free with MIT ID, otherwise \$10, \$8 for students and seniors, children under 17 free; \$2 after 5 p.m. Thurs.-Fri., free Wed. after 4 p.m. Mon.-Fri.: introductory walks through all collections begin at 10:30 a.m. and 1:30 p.m.; "Asian, Egyptian, and Classical Walks" begin at 11:30 a.m.; "American Painting and Decorative Arts Walks" begin at 12:30 p.m.; "European Painting and Decorative Arts Walks" begin at 2:30 p.m.; Introductory tours are also offered Sat. at 11 a.m. and 1:30 p.m. Permanent Gallery Installations: "Late Gothic Gallery," featuring a restored 15th-century stained glass window from Hampton Court, 14th- and 15th-century stone, alabaster, and polychrome wood sculptures from France and the Netherlands; "Mummy Mask Gallery," a newly renovated Egyptian gallery, features primitive masks dating from as far back as 2500 B.C.; "European Decorative Arts from 1950 to the Present"; "John Singer Sargent: Studies for MFA and Boston Public Library Murals." Gallery lectures are free with museum admission.

**Museum of Science**  
 Science Park, Boston. (723-2500), Daily, 9 a.m.-5 p.m.; Fri., 9 a.m.-9 p.m.; Sat.-Sun., 9 a.m.-5 p.m. Admission free with MIT ID, otherwise \$9, \$7 for children 3-14 and seniors. The Museum features the theater of electricity (with indoor thunder-and-lightning shows daily)

**Jackie Kennedy: The White House Years**

Through Feb. 28. At the John F. Kennedy Library, Columbia Point, Dorchester, MA. Using the Kennedys' path to the White House as a framing device, Vogue editor Hamish Bowles presents outfit along with related material. Photos of events and appearances are blown up, and correspondence with designers proves that Kennedy's seemingly effortless grace was part of an overall exacting attention to detail. Open most weekdays and weekends 9 a.m. to 5 p.m. Admission \$15-\$8. May be crowded.

**Antipop Consortium**  
 Nov. 29 at 6 p.m. Other Music Harvard Square (90 Winthrop St., Cambridge, MA) proudly welcomes some of the most cutting edge hip-hop. Other Music will host Antipop Consortium for an in-store performance before their appearance that night at TT The Bear's. Antipop is Fresh off their European tour where they were hand-selected to open for Radiohead. Free admission, but limited capacity. For more information, call 617-491-4419.

**The Nutcracker**

Nov. 23 through Dec. 30. At the Wang Theatre, 270 Tremont St. (T Green Line to Boylston). Boston Ballet's 2001 Nutcracker brings captivating choreography, lavish scenery, special effects and costumes. Filled with the wonder and magic of the holidays, The Nutcracker follows a young girl named Clara on her dream adventure. The ballet is set to the music of Tchaikovsky and is choreographed by Bruce Marks, Anna-Marie Holmes, Sydney Leonard, and Daniel Pelzig. Tickets \$65-\$14. Visit [www.bostonballet.org](http://www.bostonballet.org) for more information.

**Stephen Kellogg**

Wed., Nov. 28 at 8:30 p.m. Catchy tunes from local folk musician. At the House of Blues in Harvard Square (96 Winthrop St.). with full band, with Rane, 18+. For more information, call 617-497-2229. Tickets \$8. To buy tickets online visit [www.stephenkellogg.com](http://www.stephenkellogg.com) or [www.hob.com/venues/clubvenues/cambridge](http://www.hob.com/venues/clubvenues/cambridge).

**The Films of Frederick Wiseman**

The Museum of Fine Arts offers a complete retrospective of Wiseman's 31 documentaries, every Saturday, through April 14, 2002. At the Remis Auditorium Museum of Fine Arts, Boston, 02115 unless otherwise noted. For tickets and more information, call 369-3770. Tickets are \$8, \$7 MFA members, seniors, students.

Nov. 17 at 10:30 a.m.: *Manoeuvre* (1979, 115 min.) Every fall NATO conducts manoeuvres in Western Europe. One purpose of these war games is to test how quickly and effectively U.S. reinforcements can come to the aid of NATO forces stationed in Europe. *Manoeuvre* follows an infantry tank company from the U.S. through the various stages of the training exercise in West Germany: the defensive and offensive tactics, and the hypothetical wins and losses are seen from the point of view of a company fighting a simulated, conventional, non-nuclear ground and air war.

**Jacqueline Kennedy: The White House Years**

Through Feb. 28. At the John F. Kennedy Library, Columbia Point, Dorchester, MA. Using the Kennedys' path to the White House as a framing device, Vogue editor Hamish Bowles presents outfit along with related material. Photos of events and appearances are blown up, and correspondence with designers proves that Kennedy's seemingly effortless grace was part of an overall exacting attention to detail. Open most weekdays and weekends 9 a.m. to 5 p.m. Admission \$15-\$8. May be crowded.

**A Studio of Her Own: Women Artists in Boston 1870-1940**

Through Dec. 2, 2001, at the Museum of Fine Arts. This exhibit presents over eighty of the finest paintings, sculpture, and decorative arts created by women at the turn of the last century. Drawn equally from the MFA's holdings, other museums and institutions, and private collections, the exhibition includes works by over forty artists. While some of them are well known, like Lilian Hale and Anna Vaughn Hyatt, many others remain uncelebrated. No matter the level of their fame, their art represents an aesthetic achievement of great significance and beauty.



Jack Johnson, from the same school of folksy guys with guitars that spawned Ben Harper, plays the Paradise Rock Club tomorrow night; \$10.

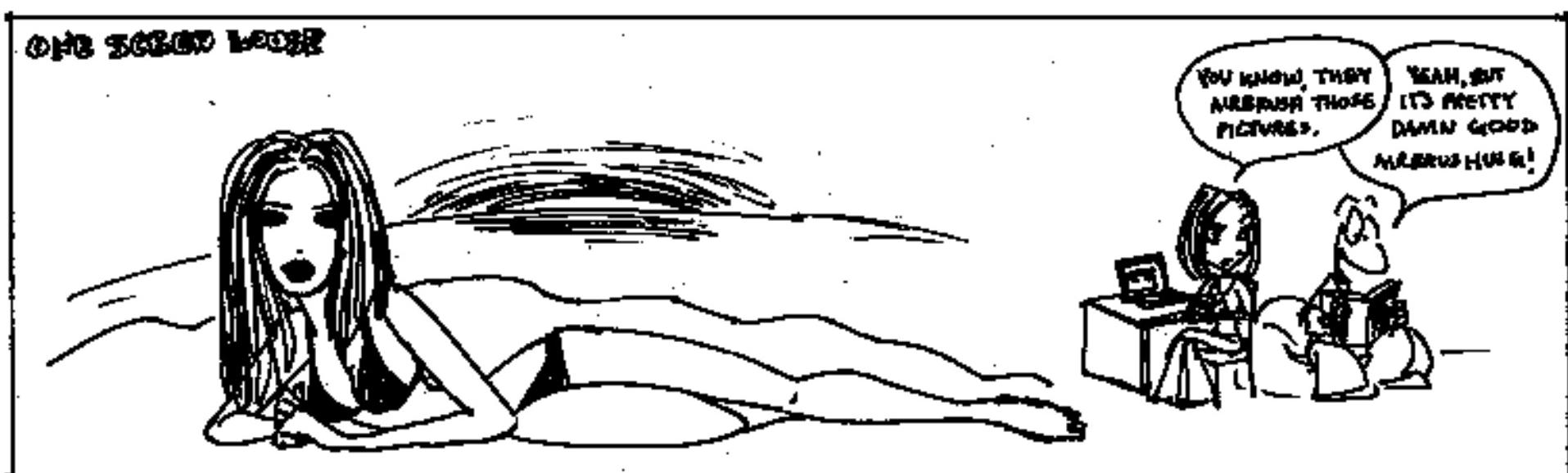
**Othello**

Nov. 23 to Jan. 17, 2002 at the Loeb Drama Center. Russian director Yuri Yeremkin returns to stage Shakespeare's riveting study of jealousy and revenge. Visit [www.amrep.org/othello](http://www.amrep.org/othello) for a complete schedule or to reserve discount tickets online, or call 617-547-8300. Tickets \$61-\$28.

**Comedy Connection**

Nov. 23 to Jan. 17, 2002 at the Loeb Drama Center. Russian director Yuri Yeremkin returns to stage Shakespeare's riveting study of jealousy and revenge. Visit [www.amrep.org/othello](http://www.amrep.org/othello) for a complete schedule or to reserve discount tickets online, or call 617-547-8300. Tickets \$61-\$28.

*mat & solar*



## FoxTrot

by Bill Amend

# Dilbert®

by Scott Adams

## Crossword Puzzle

*Solution, page 14*

## Events Calendar

Visit and add events to Events Calendar online at <http://events.mit.edu>

### Friday, November 16

- 9:00 a.m. - 5:30 p.m. - **Critical Problems in the History of East Asian Science.** Dibner Institute Fall Conference - Nov. 16 & 17. free. Room: E56-100. Sponsor: Dibner Institute.  
 12:00 p.m. - 1:00 p.m. - **BrioQuery Quick Start.** Learn how to download, install, and set up BrioQuery on your desktop. Learn how to download and process a standard report. An overview of the features and capabilities of BrioQuery will be given.. free. Room: N42 Demo Center. Sponsor: Information Systems.  
 3:00 p.m. - 4:00 p.m. - **Towards an Improved Understanding of Glasses and Supercooled Liquids.** Department of Chemical Engineering, Princeton University. free. Room: 66-110. Sponsor: Chemical Engineering.  
 3:00 p.m. - 4:00 p.m. - **Mechanical Engineering Seminar.** "Resonant Holography". free. Room: 3-133. Sponsor: ME Seminar Series.  
 4:15 p.m. - 5:15 p.m. - **Models of Random Regular Graphs.** Refreshments will be served at 3:30 PM in Room 2-349.. free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.  
 6:00 p.m. - 8:30 p.m. - **International Potluck.** We will have a potluck with international food from various parts of the globe, followed by some fun games.. free. Room: Ashdown West Dining Room. Sponsor: Graduate Christian Fellowship.  
 7:00 p.m. - 9:00 p.m. - **Falun Gong Exercise workshop.** The Falun Gong exercise is an easy and effective way to relieve stress and improve physical and mental health. Millions of people in over 40 countries practice these 5 sets of gentle movements.. free. Room: 1-242. Sponsor: Falun Dafa Club.  
 7:00 p.m. - 12:00 a.m. - **MIT Anime Club Showing #11.** Trigun 20-23, Sol Bianca: The Legacy 1-3, Dual! 11-12. Library checkouts.  
 Check out <http://anime.mit.edu/> for complete details.. free. Room: 6-120. Sponsor: Anime Club, MIT.  
 7:00 p.m. - **Squash vs. Stanford .** free. Room: Harvard Muir Center. Sponsor: Department of Athletics.  
 8:00 p.m. - **HMS Pinafore (or The Lass That Loved A Sailor).** \$9; \$7 MIT community, seniors, other students, children; \$5 MIT/Wellesley students. Room: Sala de Puerto Rico . Sponsor: Gilbert and Sullivan Players, MIT.  
 8:00 p.m. - **MIT Chamber Chorus.** William Cutter, music director. With the Boston Conservatory Chorale. Music for double chorus: Bach's BWV 225, "Singet Dem Herrn Ein Neues Lied"; Schumann's "Vier Doppelchorige Gesange, Op. 141"; Taverner's "A Hymn To The Mother Of God"; Pärt's "The Woman With The Alabaster Box"; Schumann's "Beim Abschied Zu Singen," plus chamber music by Bach and Brahms.. free. Room: Kresge Auditorium. Sponsor: Music and Theater Arts Section.  
 8:00 p.m. - **An Evening of One-Acts.** Dramashop production of student-written and directed plays. "Crush" by C. Scott Ananian (G, electrical engineering & computer science) and Whitney E. Boesel ('03, Writing & Humanistic Studies); directed by Julia Zeitlinger. "Funtastic World" by Dan Katz ('03, mathematics); directed by Brandy Evans. "Unfocused" by Anand Sarwate ('02 electrical engineering & computer science); directed by Deb Lui ('02, architecture); assistant directed by Jennifer Miller ('04, biology).. \$8, \$6 students w/ID and senior citizens. Room: Kresge Little Theater. Sponsor: Dramashop.  
 8:00 p.m. - **Roadkill Buffet.** MIT's improv troupe makes an obscure Thomas Pynchon reference.. free. Room: Rm 35-225. Sponsor: Roadkill Buffet.  
 9:00 p.m. - **Potluck Performance Art Party.** AKA show+tell. Bring video, poetry, slides, anything to read, show, perform and/or consume. If you bring something to perform or consume, you get in for free.. \$4 donation requested for selected charity. Room: N52-115. Sponsor: MIT Electronic Research Society.

### Saturday, November 17

- 9:00 a.m. - 5:30 p.m. - **Critical Problems in the History of East Asian Science.** Dibner Institute Fall Conference - Two Days. free. Room: E56-100. Sponsor: Dibner Institute.  
 1:50 p.m. - 5:00 p.m. - **Ah! My Goddess Special Showing #11a.** In anticipation of the yet-to-be-released Ah! My Goddess Movie, we are presenting the original 5 OVAs of Ah! My Goddess. We will start at 2pm; you are encouraged to come a little early—and stay a little after—to socialize. Ah! My Goddess is an anime classic that no fan should miss.. free. Room: 54-100. Sponsor: Anime Club, MIT.  
 6:30 p.m. - **Squash vs. Bowdoin College.** free. Room: Harvard Muir College. Sponsor: Department of Athletics.  
 8:00 p.m. - **HMS Pinafore (or The Lass That Loved A Sailor).** \$9; \$7 MIT community, seniors, other students, children; \$5 MIT/Wellesley students. Room: Sala de Puerto Rico . Sponsor: Gilbert and Sullivan Players, MIT.  
 8:00 p.m. - **SONOS.** Bayla Keyes, violin; Marcus Thompson, viola; Michael Reynolds, cello; David Deveau, piano. Dohnanyi's Serenade for String Trio, Op. 10; Saint-Saens' Piano Quartet in Bb Major, Op. 41; Haydn's Piano Trio in G Major, Gypsy.. free. Room: Kresge Auditorium. Sponsor: Music and Theater Arts Section.  
 8:00 p.m. - **An Evening of One-Acts.** Dramashop production of student-written and directed plays. "Crush" by C. Scott

Ananian (G, electrical engineering & computer science) and Whitney E. Boesel ('03, Writing & Humanistic Studies); directed by Julia Zeitlinger. "Funtastic World" by Dan Katz ('03, mathematics); directed by Brandy Evans. "Unfocused" by Anand Sarwate ('02 electrical engineering & computer science); directed by Deb Lui ('02, architecture); assistant directed by Jennifer Miller ('04, biology).. \$8, \$6 students w/ID and senior citizens. Room: Kresge Little Theater. Sponsor: Dramashop.

8:00 p.m. - 11:00 p.m. - **Patrol.** Shoot your friends! Travel to strange, new classrooms; meet interesting, unusual people; and kill them. A team game of shoot-em-up; guns provided.. free. Room: Building 36, First Floor. Sponsor: Assassins' Guild, MIT.

### Sunday, November 18

- 1:00 p.m. - 5:30 p.m. - **Ballroom Dancing Workshops.** Beginner ballroom dance steps will be taught. There will also be a new focus on developing techniques as well. Open to everyone. No experiences necessary. No partners required.. Visit our website for pricings. Room: Visit our website for venues. Sponsor: Ballroom Dance Club.  
 2:00 p.m. - **HMS Pinafore (or The Lass That Loved A Sailor).** \$9; \$7 MIT community, seniors, other students, children; \$5 MIT/Wellesley students. Room: Sala de Puerto Rico . Sponsor: Gilbert and Sullivan Players, MIT.  
 2:30 p.m. - 3:45 p.m. - **Natya Dance Workshop Series.** Session II: Kathak, Kuchipudi, Manipuri Interactive dance workshop to learn about the classical dance forms of India. No dance experience needed. Come dressed comfortably. Free. Room: Student Center, W20-491. Sponsor: Natya.  
 2:30 p.m. - **Indian Classical Dance Lecture/Demonstration/Workshop.** Interactive session on Kathak, Kuchipudi, and Manipuri. Includes brief history and demonstration. Wear comfortable clothing to participate. No previous dance experience necessary.. free. Room: Rm W20-491. Sponsor: Natya, MIT's Indian Classical Dance Club.  
 8:00 p.m. - 9:15 p.m. - **NEW FRONTIERS IN BRAIN SCIENCE - from molecules to mind .** 2nd RIKEN-MIT Neuroscience Symposium, Total 20 distinguished neuroscientists will present series of talks during the 3 day symposium. Day 1 will be Dr. Bert Sakmann's special lecture.. free. Room: Wong Auditorium. Sponsor: RIKEN/MIT Neuroscience Research Center. Center for Learning and Memory.

### Monday, November 19

- 8:30 a.m. - 6:10 p.m. - **NEW FRONTIERS IN BRAIN SCIENCE - from molecules to mind .** 2nd RIKEN-MIT Neuroscience Symposium, 20 distinguished neuroscientists will present series of talks during the 3 day symposium. Day 2, lectures by Drs. Katsuhiko Mikoshiba, Morgan Sheng, Rick Huguenin, Elizabeth Gould, Fred Gage, Earl Miller, Manabu Tanifuji, John Assad, Leslie Ungerleider, and Takaomi Saido. free. Room: Wong Auditorium, Tang Center E51. Sponsor: RIKEN/MIT Neuroscience Research Center. Center for Learning and Memory.  
 12:00 p.m. - **Arts Colloquium.** All MIT faculty and arts staff are invited to hear Lori Gross, director of the Museum Loan Network speak on her work at 12noon. Lunch will be served; reservations required. For more information, contact Laura Moses by Nov 14. One in a series of arts colloquia organized by Associate Provost for the Arts Alan Brody.. free. Sponsor: Associate Provost for the Arts.  
 12:00 p.m. - 1:30 p.m. - **Mac Tech Partners.** Join with Macintosh users who - officially or otherwise - help others within their departments make more productive use of computers.. free. Room: N42 Demo Center. Sponsor: Information Systems.  
 4:00 p.m. - 5:00 p.m. - **Continuum Seminar: Plastic Deformation of Nanocrystalline Materials by Molecular-Dynamics Simulation\*.** Abstract: please see <http://www-me.mit.edu/NewsandCalendar/Data/0111191600Swolf.htm>. Room: 3-370. Sponsor: Mechanical Engineering Dept..  
 4:00 p.m. - 5:00 p.m. - **"A new compactification in gauge theory."** free. Room: MIT Room 2-143. Sponsor: Differential Geometry Seminar. Department of Mathematics.  
 4:00 p.m. - 5:00 p.m. - **EECS Colloquium Series.** Why Robbie Can't Learn: The Difficulty of Learning in Autonomous Agents. free. Room: 34-101 (Edgerton Hall). Sponsor: EECS.  
 7:00 p.m. - 9:00 p.m. - **Thanksgiving Dinner .** \$5. Room: Burton-Conner Porter Dining Room. Sponsor: Black Students' Union.  
 8:00 p.m. - 12:00 a.m. - **Monday Night Football at the Ear.** Watching football at the Ear makes Dennis Miller a little more tolerable. The Thirsty Ear Pub is located in the Ashdown House basement. Enter through the courtyard. Hours: Monday: 8 pm - 12 am, Tuesday - Thursday: 7 pm - 1 am, Friday: 4 pm - 1 am, Must be over 21. Proper ID required.. Free. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.  
 5:00 p.m. - **Childrens' Skating Priority Registration!** Register by today, and receive \$5.00 off! Registration forms available at PE Office. Classes Begin: Sat, Dec. 1 at Johnson Rink.. \$75 non-athletic Card / \$65 athletics card holders. Room: W32-125. Sponsor: Physical Education.





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"★★★ 1/2 stars!"  
Jay Carr, BOSTON GLOBE  
"'Amelie' is a sly charmer. You've heard of 'The French Connection'. 'Amelie' is, par excellence, the French confection."

Show: Daily at 12:05, 1:05, 1:40, 2:50  
3:50, 4:20, 5:35, 6:40, 7:10 Early show  
Mon-Sat at 11am



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a film by Richard Linklater  
...A film by Richard Linklater

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MASTERMIND IN THIS  
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**STEVE MARTIN  
NOVOCAIN**

STARTS FRIDAY, NOV. 16TH!  
From Richard Linklater, who also directed "Slacker" and "Dazed & Confused". Set in a tawdry motor lodge in Lansing, Michigan, we are silent observers inside a room as the cast resolve the unsolved drama of their final days in high school, ten years earlier. Suspense builds as each character is provoked into revealing his or her true nature and motivation, choosing which cards to play and which to hold.

Show: Daily at 12:30, 2:40, 5:20, 7:30  
9:40 Early show Mon-Sat at 10:45am

STARTS FRIDAY, NOV. 16TH!  
Jay Carr, BOSTON GLOBE  
"Wickedly entertaining! 'Novocaine' is a battle between chaos and the illusion of order, which is to say, between chaos and even more chaos. As the tightly coiled Martin unravels with torified delight, he becomes a deliciously discombobulated pilgrim in Atkine's wickedly entertaining moral void."

Show: Daily at 12:15, 1:15, 2:25, 3:30  
5:10, 6:05, 7:30, 8:40, 10:05 Early show  
Mon-Sat at 10:35am



★★★★★  
An amazing film.  
...A film by Richard Linklater  
**Waking Life**

★★★★★  
Jay Carr, BOSTON GLOBE  
"Much is called innovative. Little is. Richard Linklater's 'Waking Life' is one of the exceptions. It's film reinventing itself before our eyes, turning into sort of a liquid, flowing painting, using old techniques in new ways. 'Waking Life' suggests the kind of college bull session you never had, but wished you did."

Show: Daily at 12:20, 1:20, 2:20, 4:20, 5:25  
7:20, 9:20, 9:55 Early show Mon-Sat at  
11:15am



This critically acclaimed film is the latest offering from the Coen brothers, who delighted audiences with "O, Brother, Where Art Thou?" and "Fargo". Stars Billy Bob Thornton, James Gandolfini, Frances McDormand, and Michael Pacheco.

Show: Daily at 12:00, 1:00, 2:45, 3:40  
5:15, 6:15, 8:30, 9:45

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— Thomas Pynchon,  
obscure playwright

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# Sept. 11 Not Cause of Current Recession

**Solow**, from Page 1

tragedy hadn't occurred, the country would still be in a recession now, Solow said. Had it happened in the midst of an economic boom, he said, "it would have been not a big deal economically. An economy the size of the U.S.'s can lose \$1 billion worth of capital and barely notice it at all."

However, "that attack came at a moment when the U.S. economy was teetering on the edge of recession," Solow said. "It did more than destroy capital ... it changed the underlying probabilities ... and created a large, fundamental uncertainty about the future." He said the current recession will be somewhat longer and deeper than it would have been had the September 11 events never occurred.

Solow made several qualitative predictions as to why September 11th will intensify the blow. "Businesses will be leery of investing ... the more uncertain future earnings are, the more depressed investing will be." Whether such caution is the result of an actual

increase in risk, or a decrease in willingness to take risks, is still up in the air.

Because of the World Trade Center tragedy, the economy can no longer rely on consumer spending. According to Solow, "Consumers react to uncertainty by spending less and saving more. How deep and how long this recession is depends on how soon businesses and consumers decide to increase their spending."

#### Federal Reserve aids economy

Economic growth depends on spending, while spending behavior depends on public policy, Solow said. In terms of monetary policy, Solow said that "the Federal Reserve has done its job." Reduction of interest rates began January 14, long before the recession set in. The Fed "also behaved very well on September 11 and 12," flooding the U.S. economy with liquidity. "The Fed made sure that no legitimate enterprise would be embarrassed by inability to get funds, and began withdrawing it as financial mechanisms began to

work."

#### Solow criticizes U.S. fiscal policy

According to Solow, the federal government's handling of tax and expenditure policies, has been considerably less effective. The nation "could have used a decent stimulus package from the government," Solow said. Such a package would have three properties: it would quickly stimulate spending, its effects would be temporary, since the U.S. economy is expected to recover on a fairly short time scale, and it would also avoid catering to any political parties.

Solow calls the bill that the House of Representatives passed "an intellectual disgrace." It did not meet any of Solow's three requirements. The Senate bill is "rather better than the House bill," but Solow was dissatisfied with the proportion of the bill that consisted of pork-barrel projects and other non-economic stipulations.

#### Recession likely to end next year

Solow says this recession will not be as bad as the 1974 or 1982

recessions, though it might be worse than the 1991-1992 recession, which was so mild as to go almost unnoticed. The U.S. economy should see an upturn "by the middle of next year," Solow said.

He added that current recessions in other countries and the resulting weaknesses in the world market may deepen the recession in the U.S. The "most dangerous aspect" of the current situation "is the possibility of another big fall in the stock market." Solow said that so far, however, "equity prices have been very robust," favoring positive expectations for the stock market's recovery and stability.

Solow earned his bachelor's, master's and doctoral degrees in economics at Harvard University. During his 45-year career at MIT, he taught and mentored scores of economics students. In 1987, he was awarded the Nobel Prize for Economics for his mathematical model that determined the effects of various factors on economic growth. In 1999, he was a recipient of the National Science Medal. Solow retired from MIT in 1995.

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## Ice Hockey



### A League Standings

AFFILIATION PA	TEAM	W	L	T	PF
SLN SLOAN A TEAM	.2	0	0	18	4
CHEM COLD FUSION	.2	0	0	11	5
AA SCUDS	.0	1	0	4	6
IND GSC TIGERS	.0	1	0	1	5
ALUM ALUMNI 1	.0	2	0	4	18

### B League Standings

AFFILIATION PA	TEAM	W	L	T	PF
AICS EXECUTION TIME	.2	0	0	14	1
ZP ZETA PSI	.1	0	0	6	5
ALUM ALUMNI 2	.0	0	1	4	4
MSE HAZ MATS	.0	1	1	4	13
HST HST	.0	1	0	5	6
CHEM TOXIC WASTE	.0	1	0	1	5

### C+ League Standings

AFFILIATION PA	TEAM	W	L	T	PF
PSK CHICKEN PUCKS	.2	0	1	17	2
DTD DTD 1	.1	0	0	4	1
NH4 NH4 PENGUINS	.0	0	2	5	5
DU DU DUCKS	.0	0	1	3	3
SN SERPENTS	.0	1	0	0	10
MECH MECH-A-TANG	.0	2	0	1	9

### C League Standings

AFFILIATION PA	TEAM	W	L	T	PF
IND SIGMA CHI	.2	0	0	11	6
LCA LCA	.1	0	0	9	1
DTD DTD 2	.1	0	0	4	0
ADP ALPHA DELTA PHI	.1	0	0	2	1
AEPI LIONS	.1	1	0	9	6
BTP BETA	.1	1	0	6	6
SLN SLOAN C	.1	1	0	4	4
ZBT MOSTLY HARMLESS	.1	1	0	6	12
ATO ATO	.0	1	0	1	3
TXI SPARTANS	.0	1	0	0	4
IND CAPTAIN'S BOOTY	.0	3	0	6	15

### C (no-checking) League Standing

AFFILIATION PA	TEAM	W	L	T	PF
IND BIOHAZARDS	.2	0	0	7	3
NEXT OUTLAWS	.1	0	1	6	3
AICS GARBAGE COLLECTORS	.1	0	0	4	3
ASH ASHDOWN	.1	1	0	5	7
PSK FISH PUCKS	.1	1	0	3	5
EAPS CREAPS	.0	0	1	2	2
BUR3 BURTON THIRD BOMBERS	.0	1	1	9	10
BUR2 BURTON UNITED	.0	1	1	3	4
PHYS FROZEN SOLIDS	.0	1	1	8	9
IND LOONIES	.0	1	1	3	4

### C- League Standings

AFFILIATION PA	TEAM	W	L	T	PF
CHEE CHEMICAL ENGINEERING	.2	0	0	10	2
PLP CONES	.2	0	0	4	1
IND NEANDERTHALS	.1	1	0	8	5
PDT MATT'S ALL-STARS	.1	1	0	6	5
WARE EVIL SLIDERULERS	.1	1	0	4	4
ND NU DELTA	.1	1	0	4	7
ATS ATS EYESHAKE	.0	0	0	0	0
BAK BAKER HOUSE	.0	2	0	2	6
KS KAPPA SIGMA DR+	.0	2	0	2	10

### D + League Standings

AFFILIATION PA	TEAM	W	L	T	PF
AA THE FLYING SQUIRRELS	.3	0	0	14	2
EC EAST CAMPUS	.2	0	0	8	2
IND FRIGID DESIGNATORS	.1	0	1	4	3
IND THE EULERS (MATH)	.1	0	0	7	0
IND NEWMAN	.1	0	0	1	0

## SPORTS

# Ballroom Dance Team Excels At Annual Brown Competition

By Yanfeng Lin

TEAM MEMBER

Members of the MIT Ballroom Dance Team rocked their way through Brown University's Seventh Annual Ballroom Competition on November 11th.

There are four styles of competitive Ballroom in the United States: Rhythm, Latin, Smooth, and Standard. In most collegiate competitions, there are five levels: Newcomer, Bronze, Silver, Gold, and Open.

In some events MIT dancers made four of seven finalists, so the honors were many.

#### Successes in Rhythm

At the Gold level, Tuan Q. Phan '02 and Aurora C. Schmidt '03 were second in Chacha, third in Rumba and third in Swing. Eric D. Nielsen G and Margaret A. Wong '02 were fifth in both the Rumba and Chacha, and sixth in Swing.

In the Open category, MIT had William Liteplo '00 and Michelle Goldhaber take third.

#### Sparks fly in Latin

In Newcomer Latin, Cheng Su G and Ekaterina V. Lesnaia G placed second and Bradley Morrison G and Irina Medvedev G placed third in Rumba.

Philip Hsu '87 and Maricore Santiago took fifth in the Silver Rumba, while Liteplo and Goldhaber took seventh in Chacha/Rumba and sixth in Samba/Jive in Gold.

In Open Latin, the last event of the competition, MIT was represent-

ed in the final by Filip Ilievski '03 and Rita Kraner. Ilievski and Kraner took home fourth place.

#### Highlights of Smooth

MIT had a splendid showing by the Newcomer dancers. Luca Dona G and Lesnaia placed first in Waltz, fourth in Tango and third in Foxtrot. Morrison and Medvedev took second in Waltz, fifth in Tango and second in Foxtrot. Hazhir Rahmandad G and Nicole Megow G took third place in Waltz and first in Tango. Rahmandad and Parisa Falahi G won Foxtrot. Mark Sin G and Aline Lerner '04 took seventh in Waltz.

Overall, MIT dancers took ten of the eighteen finalist spots—including all the first places—in the Newcomer Smooth category. MIT also gathered a fifth place spot in Bronze Tango.

Victor Mark Knobel '00 and Schmidt won all honors, and took home first places in all three Silver dances (Waltz, Tango and Foxtrot).

Hsu and Santiago took fifth in Silver Waltz and sixth in Silver Foxtrot.

In Gold, Nielsen and Goldhaber won the Tango, and took second and third for the Foxtrot and Waltz respectively.

In Open, Mark Hershberg '99 and Jessica Ahlers landed fourth place.

#### A sweep in Standard

There is no doubt that Standard is where the strength of MIT's Ballroom Team lies.

In Newcomer Waltz, of 81 couples competing, MIT had Su and Lesnaia leading the pack with first place. Morrison and Medvedev

were hot on their heels in second place, and making it an almost an all-MIT final, MIT had Rahmandad and Fallahi in fifth, and Man Sze Ko '03 and Jamie Y. Mak '03 in sixth place.

In Bronze, Sola Grantham '98 and Megow were fifth in Waltz and fourth in Quickstep.

Silver Standard, like Smooth, was completely swept by Knobel and Schmidt, who won all three events in the level: Waltz, Tango, Quickstep. Hsu and Santiago placed fifth in Waltz, while Jacques Olivier G and Carrie Sougne placed fifth in the Tango. Gold Standard saw Nielsen and Goldhaber bagging both fifth spots: Waltz/Quickstep, Tango/Foxtrot.

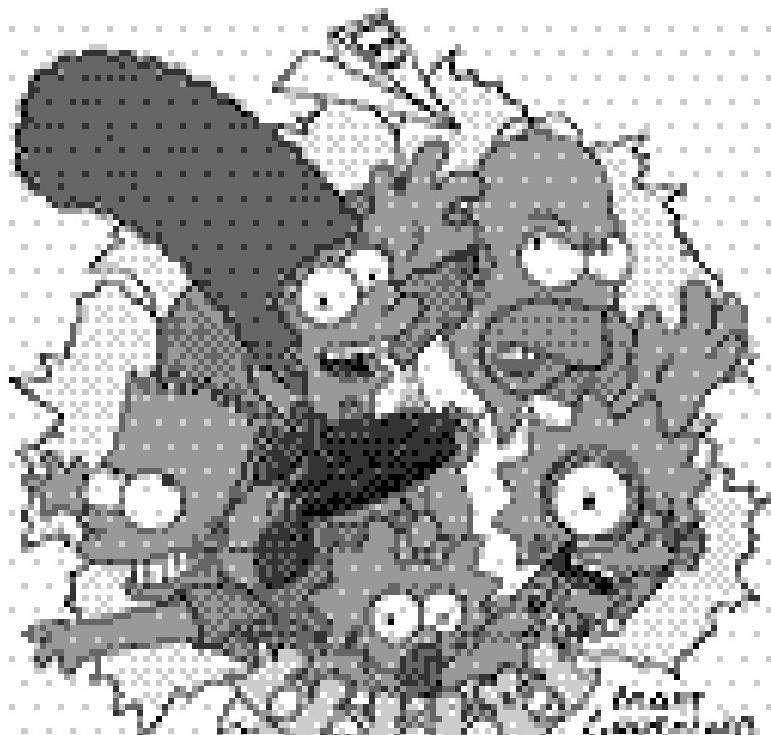
In Open standard, the honors go to the four MIT couples who made the final. Boris Berdnikov '98 and Sofya Raskhodnikova G led by capturing second place amidst the fiery competition. Ilievski and Elizabeth Dew '92 captured the fifth, while Thomas Nugent '99 and Reena Freedman took the sixth, Phan and Ika Setyanati the seventh place.

#### Katsevman and Manusova

Despite the many personal successes, the climax of the day's competition for all was certainly a special show by Eugene Katsevman and Maria Manusova. They are the reigning U.S. Amateur Latin Champions, and are ranked seventh in the highly competitive world of Latin Dancesport. Needless to say, they stunned the audience with their exquisite rumba, their spectacular samba and chacha, and ended by bringing down the roof with their impossibly fast and yet playful jive.

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# SPORTS

## Volleyball Loses, Ends Season

By Paul Dill  
TEAM COACH

The women's volleyball team ended its season this past weekend with a loss in the postseason Eastern College Athletic Conference North Championship Tournament. With Kelly A. Martens '03 injured, the Engineers could not put together one final run, and fell to Brandeis University, which they had beaten earlier in the season. The Engineers finished with a 29-9 record (the best since 1994), and a sixth straight postseason bid.

Other milestones include first place finishes at the Gordon College Tournament, the Amherst College Tournament, the Bates College Tournament, and the ECSU Tournament. The team finished second at the Franklin & Marshall College Tournament, and fourth at the Hall

of Fame Tournament.

The Engineers spent a good part of the season ranked either number one or two in the New England Region out of 64 teams, and were also ranked as high as number 20 in the nation out of 395 teams.

There were also many honors garnered by individual team members. Kelly A. Martens '03 made two all-tournament teams, and earned one tournament most valuable player. She also was named NEWMAC Conference Player of the Week, to the NEWMAC All-Conference Team, the AVCA All-Region Team, the NEWVA All-New England Second Team, the GTE CoSIDA All-District Academic All-American First Team, MIT Team MVP, and joined the MIT 1000 Kill Club.

Christina Almodovar '02 earned spots on three all-tournament teams, and was named most valuable play-

er at one tournament. She was also NEWMAC Conference Player of the Week, made the NEWMAC All-Conference Team, NEWVA All-New England Second Team, and joined the MIT 1000 Dig Club.

Barbara J. Schultze '02 made the ECSU All-Tournament Team and was named MIT Defensive Player of the Year. Schultze broke team records for career digs, career aces, career games played, and single season digs.

Amy W. Mok '02 joined the MIT 1000 Dig Club, and tied a NCAA record for consecutive points served in a game (19). Nydia M. Clayton '04 made the Amherst College All-Tournament Second Team. Parisa N. Habibi '02 joined the MIT 1000 Kill Club.

Linda M. Yu '02 received the MIT Coach's Award. Candace Jantzen-Marson '05 earned MIT's Most Improved Player Award.

## Chapman Excels at IHSA Event

By Jenny Lee  
TEAM MEMBER

The MIT Equestrians headed out to Holly Hill Show Stable in Hanover, MA last Saturday to compete in an Intercollegiate Horse Show Association show hosted by Boston University. Four members of the team braved the cold weather to participate in this event.

Kathryn A. Luke '04 rode in the first class of the day. She drew a 15.3 hand chestnut gelding named Alvin in the random horse lottery, and placed fourth in the open over fences division against ten other riders.

Jenny Lee '02 competed in the second of the open jumping classes on Illando, a 16.2 hand chestnut gelding. Although she rode well over the rest of the fences, flawed approaches to her first two jumps took her out of the ribbons in the large class of twelve competitors.

Hilary S. Chapman G drew a 14.2 hand bay pony named Applause for the alumni over fences division. She gave a great performance, marred only by her failure to pick up the correct lead after one of the jumps. Chapman placed second.

The flat phase of the competition took place in the afternoon. Riders walked, trotted, and cantered their mounts on command

around the ring while being judged on their form.

Luke rode a large, 17.2 hand bay gelding named Ziggy in the highly competitive open flat category.

Lee drew Quambo, a 16.1 hand bay gelding for her open flat class, and placed fourth.

In the alumni flat division, Chapman rode Sherman, a 15.3 hand roan gelding, and placed third.

Ida Ortiz '04 drew a 16.1 hand grey gelding named Waldo for her walk-trot class, and placed fourth.

The team continues to train with coach Kate Alderfer-Candela at Verrill Farms in preparation for competitions on November 17 and 18, hosted by Tufts University and Endicott College respectively.

## UPCOMING HOME EVENTS

### Friday, November 16

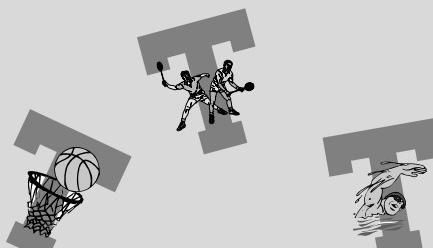
Squash vs. Stanford, 7:00 p.m.

### Saturday November 17

Squash vs. Bowdoin College, 6:30 p.m.

### Tuesday, November 20

Women's Swimming vs. Wellesley, 6:00 p.m.  
Women's Basketball vs. Regis College, 7:00 p.m.



## Cross Country to Attend DIII Finals

By Roger F. Crosley  
DIRECTOR OF SPORTS INFORMATION

The MIT men's cross country team has qualified for the NCAA Division III Championships, which will be held this coming weekend at Augustana College in Rock Island, IL.

The Engineers placed third in the New England Division III Qualifier to earn the trip to the championship. Sean Nolan '03 led the way for the Engineers with a fourth place finish. Teammate Daniel R. Feldman '02 placed sixth.

The last two New England Women's and Men's Athletic Conference All-Conference teams have been chosen for the Fall seasons and MIT placed two players on each of the final two teams. In men's soccer forward/midfielder Nicholas R. Nestle '04 and defenseman Rory E. Foster '04 were selected to the team. The pair helped lead MIT to the Conference championship game for the first time ever where the Engineers dropped the game by a 1-0 count to

Wheaton College. The team's 10-7-1 record is the best in the sport since the 1995 team had an identical record.

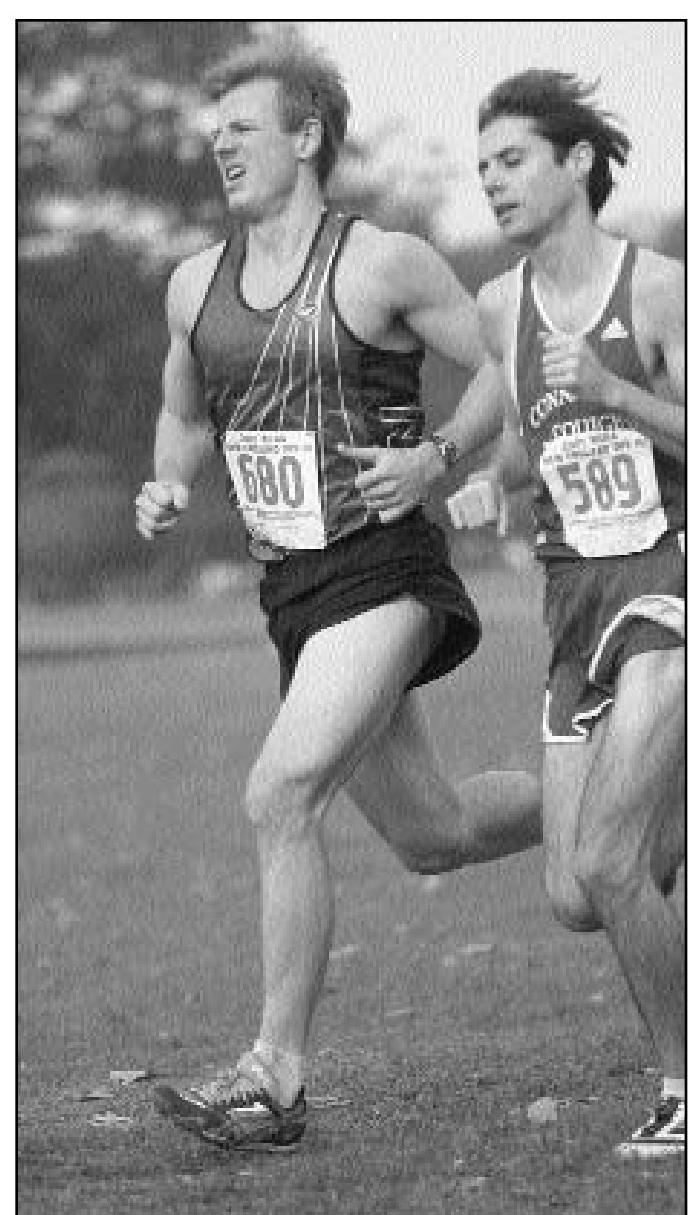
MIT was represented on the Women's volleyball All-Conference team by middle hitter Kelly A. Martens '03 and setter Christina Almodovar '02. Martens was the NEWMAC leader in hitting percentage, while Almodovar was second in the Conference in assists. The team lost to Springfield College in the semifinals of the NEWMAC Championship Tournament, but qualified as the second seed in the Eastern College Athletic Conference Division III North Women's Volleyball Championship held this past weekend at top seeded Springfield. MIT lost to Brandeis University in its first-round match. Martens and Almodovar were also recently named to the New England Women's Volleyball Association second-team All-New England team.

Three MIT football players have been named to the New England Football Conference All-Conference teams that have recently been announced. Defensive back

Brian D. Hoying '03 was a first-team selection. On offense, tight end Keith V. Battocchi '02 was a second team pick, while Robert R. Owsley '02 earned honorable mention status at wide receiver.

The MIT women's soccer team defeated WPI in the first round of the ECAC Division III New England tournament last week, but was unable to beat top seeded Keene (NH) State College in the semifinals. The Engineers dropped a 3-0 decision to the Owls.

Former MIT Baseball coach Fran O'Brien, currently head coach at The College of the Holy Cross in Worcester, will be honored by the Collegiate Baseball Umpires Association with the organization's Sportsmanship Award at the CBUA Annual Dinner on November 18 at the Chateau restaurant in Waltham. The award recognizes a college player or coach that exemplifies the true spirit of sportsmanship and exhibits a sincere respect for his opponents, umpires, and the game of baseball. Parties interested in attending the event should contact Pat Burns at pat.burns@umb.edu.



STANLEY HU—THE TECH  
Mark L. Strauss '02 leads a Connecticut College runner through the second mile of the NCAA Division III New England Championship. Boosted by Strauss' return from surgery, the men's cross country team qualified for Nationals on Saturday by finishing third overall. The team heads to Augustana College in Illinois this week to compete against the top runners in the country.